#include<iostream>

using namespace std;

//bubble sorting program

void main()

{

back:

system("cls");

int a[100];

int temp,n;

cout<<"\t\t\awelcome in bubble assending sorting life";

cout<<"\t\t\n\n...-2,-1,0,1,2,3,4...assending"

<<"\t\t\n\n---->4,3,2,1,0,-1,-2,3...desending"<<endl;

cout<<"\n\n\t\tHow many element do you want sorting?\t= ";

cin>>n;

cout<<"\n\nEnter the elements\n";

for(int i=0;i<n;i++)

{

cin>>a[i];

}

////////////////////////////////////////////////

for(int j=0;j<n;j++)

{

for(int k=0;k<n-1;k++)

{

if(a[k]>a[k+1])

{

temp=a[k];

a[k]=a[k+1];

a[k+1]=temp;

}

}

}

///////////////////////////////////////////////

cout<<"\n\nAfter sorting the no are arranged\n";

for(int i=0;i<n;i++)

{

cout<<a[i]<<endl;

}

cout<<"\n\n................END OF PROGRAM................\n\n";

char c;

cout<<"DO you want go back(y/n)";

cin>>c;

if(c=='y')

{

goto back;

}

else

{

cout<<"You enter the wrong number";

}

system("pause");

}//for loop